

IN THE CLAIMS

1.(Currently amended) A system for providing a content comprising:

communication means, including a subscriber telephone network, for establishing a communication line between with a multi-function mobile telephone; and another telephone when the mobile telephone is dialed up,

a content providing apparatus for providing the content; ~~represented by a digital signal to an information terminal, and~~

a relay apparatus ~~which is connected to a~~ the multi-function mobile telephone, ~~having the function as the information terminal,~~ through the subscriber telephone network, the relay apparatus being operable to and converts a telephone number notified of by the multi-function mobile telephone into an ID code unique to the multi-function mobile telephone, wherein communication between the multi-function mobile telephone and the content providing apparatus is performed through the relay apparatus based on the ID code.

2.(Currently amended) A system according to claim 1, further comprising an information terminal connected to the multi-function mobile telephone and having a display device larger in size than a display device of the multi-function mobile telephone, ~~wherein the communication means comprises the Internet.~~

3.(Currently amended) A system according to claim 2, wherein the communication means comprises the Internet and the relay apparatus is a gateway arranged to the subscriber telephone network to connect the subscriber telephone network to the Internet.

4.(Currently amended) A system according to claim 2, wherein the relay apparatus is an DNS server owned by an Internet service provider, ~~and is connected to the multi-function mobile telephone through the subscriber telephone network.~~

5.(Currently amended) A system according to claim 2, wherein the content providing apparatus is an Internet server which provides one or both of a program and/or data for video gaming.

6.(Original) A system according to claim 5, wherein the information terminal connected to the multi-function mobile telephone is a video gaming machine which is operated while monitoring an image presented on the display device thereof.

7.(Original) A system according to claim 1, wherein the relay apparatus comprises a unit which notifies the content providing apparatus of the ID code of the multi-function mobile telephone.

8.(Currently amended) A system according to claim 7, further comprising an information terminal ~~which is connected to the subscriber telephone network using the multi-function mobile telephone that is used as an interface,~~ wherein the content providing apparatus includes:

a unit ~~which~~ operable to provides the content to the information terminal; and

a unit ~~which~~ operable to identifies the information terminal to which the content is provided, based on the ID code notified of by the relay apparatus.

9. (Currently amended) A system for providing a content, comprising: a telephone communication network;
a computer network;
a server, connected to the computer network, for providing the content;
a terminal, connected to the telephone communication network, and having a telephone number unique thereto; and
a relay apparatus for connecting the telephone communication network to the computer network;
wherein the relay apparatus comprises:
a unit for relaying communications between the terminal and the server,
a unit for connecting the terminal to the computer network in response to a dial-up connection request from the terminal,
a unit for detecting the telephone number of the terminal,
a unit for converting the telephone number into a unique code, and
a unit for notifying the server of the unique code; and
the server comprises:
a unit for providing the content to the terminal; and
a unit for identifying the terminal to which the content is provided, based on the unique code ~~notified of by the relay apparatus.~~

10. (Original) A system according to claim 9, wherein the computer network is the Internet.

11.(Original) A system according to claim 9, wherein the terminal comprises a mobile telephone connected to the telephone communication network.

12.(Original) A system according to claim 9, wherein the unit for detecting the telephone number of the terminal detects the telephone number of the terminal when the terminal places the dial-up connection request.

13.(Currently amended) A system according to claim 9, wherein the server further comprises a unit which performs a fee billing process to the terminal to which the content is provided, based on the unique code ~~notified of by the relay apparatus.~~

14.(Currently amended) A relay apparatus for use in a content providing system including communication means, ~~including a subscriber telephone network, for establishing a communication line between with a multi-function mobile telephone and another telephone when the mobile telephone is dialed up, and a content providing apparatus for providing the content represented by a digital signal to an information terminal through the communication means, the relay apparatus comprising:~~

a unit for connecting to ~~a the multi-function mobile telephone, having a function of serving as the information terminal,~~ through the subscriber telephone network;

a unit for converting a telephone number ~~notified of by the multi-function mobile telephone into an ID code unique to the multi-function mobile telephone;~~ and

a unit for relaying communications between the multi-function mobile telephone and the content providing apparatus based on the ID code.

15.(Currently amended) A relay apparatus for use in a content providing system including a telephone communication network, a computer network, a server, connected to the computer network, for providing a content, and a terminal, connected to the telephone communication network, and having a telephone number unique thereto, the relay apparatus connecting the telephone communication network to the computer network, and comprising:

a unit for relaying communications between the terminal and the server,

a unit for connecting the terminal to the computer network in response to a dial-up connection request from the terminal,

a unit for detecting the telephone number of the terminal,

a unit for converting the telephone number into a unique code, and

a unit for notifying the server of the unique code.

16.(Currently amended) A method for providing a content using a system including a multi-function mobile telephone ~~having a function of serving as an information terminal,~~ communication means, including a subscriber telephone network, for establishing ~~a communication line between~~ with the multi-function mobile telephone ~~and another telephone when the multi-function mobile telephone is dialed up,~~ a content providing apparatus for providing the content ~~represented by a digital signal~~ to the multi-function mobile telephone through the communication means, and a relay apparatus ~~which is connected to~~ the multi-function mobile telephone through the subscriber telephone network, ~~and~~ which relays communications between the multi-function mobile telephone and the content providing

apparatus, the method performed by the relay apparatus comprising the steps of:

acquiring a telephone number ~~notified of by the multi-~~
function mobile telephone_T; and

converting the telephone number into an ID code unique to the multi-function mobile telephone.

17.(Currently amended) A method for providing a content using a system including a telephone communication network, a computer network, a server_T connected to the computer network_T for providing the content, a terminal_T connected to the telephone communication network_T and having a telephone number unique thereto, and a relay apparatus for connecting the telephone communication network to the computer network, the method comprising the steps of:

~~in~~ a relaying operation performed by the relay apparatus between the terminal and the server_T including:

connecting the terminal to the computer network in response to a dial-up connection request from the terminal,

detecting the telephone number of the terminal,

converting the telephone number into a unique code, and

notifying the server of the unique code_T; and

~~in the~~ supplying of the content by the server to the terminal, including identifying the terminal to which the content is provided_T based on the unique code ~~notified of by the relay apparatus~~.

18.(Currently amended) A method for providing a content using a system including a telephone communication network, a computer network_T a server, connected to the computer network_T for providing the content, a terminal_T connected to the

telephone communication network₇ and having a telephone number unique thereto, and a relay apparatus for connecting the telephone communication network to the computer network, the method of the relay apparatus comprising the steps of:

relaying communications between the terminal and the server₇;

connecting the terminal to the computer network in response to a dial-up connection request from the terminal,

detecting the telephone number of the terminal,

converting the telephone number into a unique code,

and

notifying the server of the unique code.

19. (Currently amended) A storage medium storing a software program carried out by a relay apparatus when a system provides a content, the system including a telephone communication network, a computer network, a server₇ connected to the computer network₇ for providing the content, a terminal₇ connected to the telephone communication network₇ and having a telephone number unique thereto, and the relay apparatus being operable to ~~for~~ connecting the telephone communication network to the computer network, the software program comprising program codes for:

relaying communications between the terminal and the server,

connecting the terminal to the computer network in response to a dial-up connection request from the terminal,

detecting the telephone number of the terminal,

converting the telephone number into a unique code,

and

notifying the server of the unique code.

20. (Currently amended) ~~A software program carried out by a relay apparatus when a system provides a content, the system including a telephone communication network, a computer network, a server, connected to the computer network, for providing the content, a terminal, connected to the telephone communication network, and~~ A system for providing content between a server and a user terminal connected to the server through a telephone communication network, the user terminal having a telephone number unique thereto, and the relay apparatus for the system connecting the telephone communication network to the computer network server, the software program system comprising: program codes for

a processor operable to execute instructions; and
instructions, the instructions including:

relaying communications between the user terminal and the server,

connecting the terminal to the ~~computer network~~ server in response to a dial-up connection request from the user terminal,

detecting the telephone number of the user terminal,
converting the telephone number into a unique code,
and

notifying the server of the unique code.